

WHAT IS CLAIMED IS:

1. A method for manufacturing anti-bacteria yarns comprising the following steps of:

5 fabricating the polypropylene filaments into yarns;
 feeding the yarns to a false twisting machine for twisting the yarns;
in that the yarns pass through a driving roller and a package roller for
twisting the yarns to be as twisting yarns;

 feeding the twisting yarns to at least one grooved roller with
10 antibacterial in the grooved roller so as to be as anti-bacteria yarns;

 feeding the anti-bacteria yarns to at least one guiding wheel to
stretching and drying the anti-bacteria yarns, and
 outputting the yarns.

2. The method for manufacturing anti-bacteria yarns as claimed in
15 claim 1, wherein a bottom of a trench of the grooved roller is placed with
antibacterial; when the twisting yarns passes through the grooved roller, the
antibacterial permeates into the twisting yarns; and then the antibacterial is
completely adhered to the yarns in the following stretching and drying
steps.

20 3. The method for manufacturing antibacterial as claimed in claim 1,
wherein a material inlet is formed at a center of the grooved roller; a
plurality of penetrating holes are formed around the material inlet to
communicate the material inlet and a bottom of the grooved roller so that
the antibacterial is fed into the material inlet; with the rotation of the
25 grooved roller, the antibacterial will flow to a surface of the bottom of the
grooved roller so as to coat on the twisting yarns continuously.

4. An anti-bacteria yarn made from polypropylene filaments; the
antibacterial yarns are twisted, and permeated with antibacterial.